

Budislav Tatić & Zoran Krivošej

***Tulipa serbica* (Liliaceae), a new species from Serbia**

Abstract

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A new species of *Tulipa*, related to and previously confused with *T. scardica*, is described from Serbia (Yugoslavia). It is confined to serpentine soils and flowers in April to May.

According to the literature (Pančić 1884, Diklić 1975), two wild species of *Tulipa* grow on the territory of Serbia, *T. hungarica* Borb. (*T. billietiana* sensu Pančić) and *T. sylvestris* L. In addition, Pavlović (1962) recorded *T. scardica* Bornm. from Mt Rogozna. We found some specimens of *Tulipa* on the hill Beli Laz near the village Srbovac, a locality situated near Mt Rogozna but on the opposite side of the river Ibar.

We also visited the locus classicus of *Tulipa scardica*, on hills near the village Raduše in the F.Y.R. Makedonija, where we collected specimens of that species. We found differences between *T. scardica* (see Bornmüller 1923, Mayer & Micevski 1970) and our plants from Beli Laz as well as those from Mt Rogozna that Pavlović (1962) had accepted to be Bornmüller's species. In an earlier note (Tatić & al. 1991) we already drew attention to these differences. We have since then made a detailed study of *T. scardica*, based on literature data, herbarium specimens (BEO, W, SOM), and live material. We conclude that our Serbian specimens belong to a species new to science, described and named here.

***Tulipa serbica* Tatić & Krivošej, sp. nova.** – Holotypus in herbario Prirodno-Matematički Fakultet, Priština, adservatur. – Fig. 1.

Bulbus ovatus, tunicis brunneis intus appresse pilosis; caulis 10-40 cm altus, glaber, striatus, uniflorus; folia 3-5, pallide viridia, inferiora 10-30 cm longa et 1.5-3 cm lata plerumque undulata, superiora anguste linearia; perigonium campanulatum vel infundibuliformi-campanulatum, 2-5 cm longum, tepalis utrinque purpureis vel pallide vinaceo-purpureis, ad marginem albescentibus, intus macula carentibus, externis acuminatis, internis apicem versus crenulatis; stamina tepalis duplo breviora, filamentis glabro pallido vel flavido, anthera violacea apice acuta; capsula obovata, loculicida, 2-3 cm longa et 1.5-2 cm lata. Solo serpentinico. – Habitat in collibus serpentinicis Serbiae australis (Fig. 2),



Fig. 1. *Tulipa serbica*, general habit and details. – Drawn from a plant of the type collection.

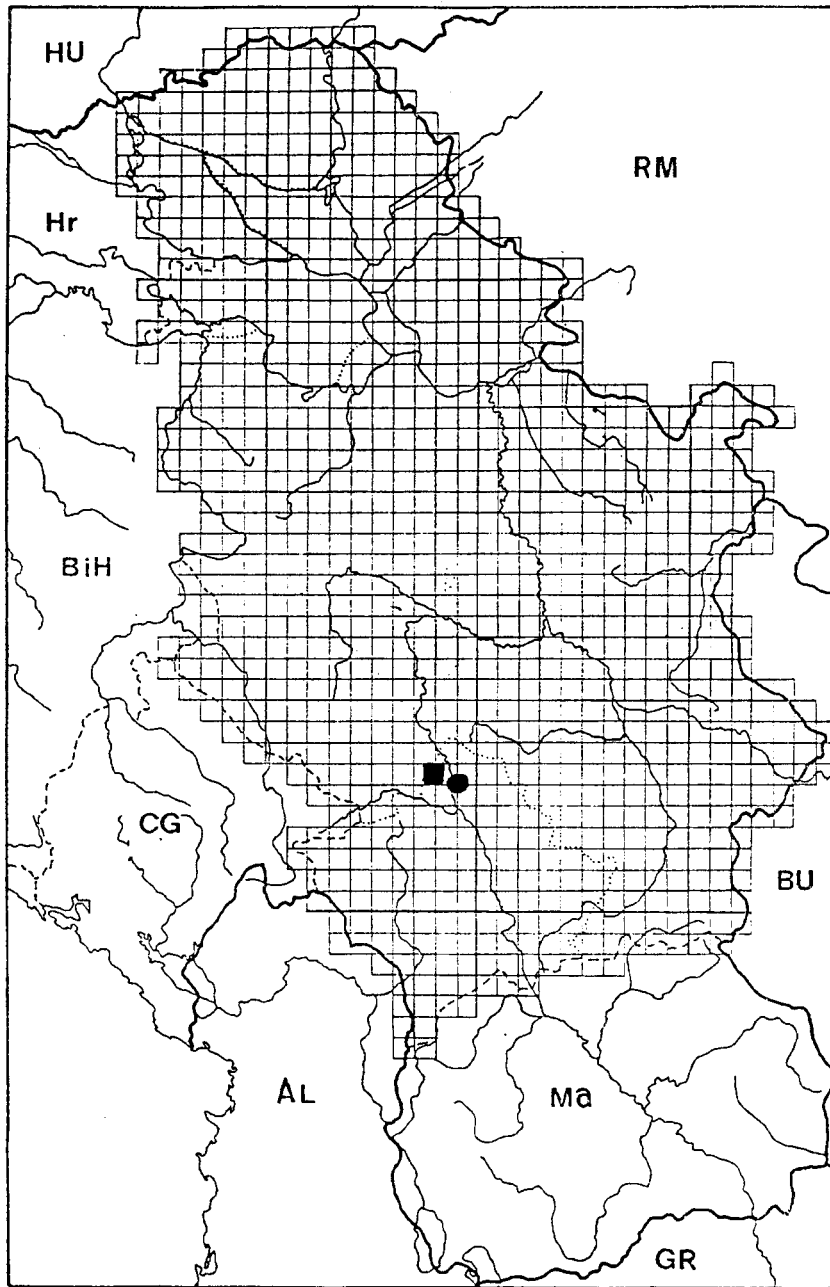


Fig. 2. Map of Serbia, showing the total known distribution of *Tulipa serbica*. – ■ Mt Rogozna; ● hill Beli Laz.

ad 500-950 m supra maris aequor, ubi floret mensibus aprili et majo. – Etymoogia: species patriae nostrae reipublicae Serbiae dicata.

Specimens seen. – Serbia, Mt Rogozna near Donja Kamenica, 900 m, on serpentine soil (herb. Priština; holotype); hill Beli Laz near Srbovac, 5 km N. of Kosovska Mitrovica, 900 m, on serpentine soil (herb. Priština).

Tulipa serbica is closely related to *T. scardica*, but differs in its paler, unspotted perianth segments, pale (not blackish) staminal filaments, and dull violet (not yellowish), acute anthers.

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Addresses of the authors:

Dr B. Tatić, Botanical Institute and Garden, Faculty of Science, University of Belgrade, Studentski Trg 16, YU-11000 Beograd, Yugoslavia.

Mr Z. Krivošej, Faculty of Science, Department of Biology, Vidovdanska, JU-38000 Priština, Yugoslavia.